

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

PATENT FILING TRANSMITTAL

Transmitted herewith for filing is the Patent Application of: Martin Franz and Jeffrey Scott McCarley

For: INDEXING WITH TRANSLATION MODEL FOR FEATURE REGULARIZATION

TYPE OF FILING

This new patent application is for a(n):

- ☒ Utility
☐ Design
☐ Plant
☐ Divisional
☐ Continuation
☐ Continuation-in-part

Benefit of a prior filed application

- ☐ This application claims the benefit of an earlier filed U.S. Patent Application under 35 USC 120.
☐ Please accord Applicant the benefit of the priority date of _____ to this case pursuant to 35 USC 119. Applicant's claim for priority is based on application _____ filed in _____ on that date.

Filing under 37 CFR 1.53 (Utility) or 37 CFR 1.153 (Design)

- ☒ This is an application filed pursuant to 37 CFR 1.53 or 37 CFR 1.153, permitting receipt of a filing date upon filing of a specification, at least one claim and necessary drawings.
☒ In the event any parts of this application are incomplete, please treat this as a filing under 37 CFR 1.53 or 37 CFR 1.153.

ENCLOSURES

- ☒ 17 - pages of written description;
☒ 6 - pages of claims;
☒ 1 - pages of abstract;
☐ _____ - sheets of formal drawings;
☒ 3 - sheets of informal drawings;
☒ Declaration and Power of Attorney or listing of inventors;
and
☒ Two postcards for return to us as proof of receipt of the above documents.

plus

- ☐ An Assignment of the invention to -- and an Assignment cover sheet;
☐ Verified Statement Claiming Small Entity Status (37 CFR 1.9(f) and 1.27(b))
☐ Form PTO-1449 (IDS) and copies of the references listed thereon;

01/28/00
1c675 U.S. PTO
09/493507

1c675 U.S. PTO
09/493507
01/28/00

01/28/00 09/493507 1c675 U.S. PTO

- ☐ A certified copy of _____(country) patent application number (priority document).
- ☐ A preliminary amendment;
- ☐ Declaration of Biological Deposit;
- ☐ Submission of sequence listing, computer readable copy and/or amendment relating thereto for biotechnology invention containing nucleotide and/or amino acid sequence;
- ☐ An associate power of attorney;
- ☐ Other.

DECLARATION OR OATH

The enclosed Declaration or Oath has been executed by:

- ☐ Inventor(s);
- ☐ Legal representative of the inventors (37 CFR 1.42 or 1.43);
- ☐ Joint inventor or person showing proprietary interest on behalf of an inventor who refused to sign or who cannot be reached and this is a petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is attached;
- ☒ Has not been executed and is enclosed for the purposes of identifying the inventors.

INVENTORSHIP STATEMENT

The inventorship for all the claims in this application is:

- ☐ the same;
- ☐ not the same and, as an explanation, a statement is/ will be submitted.

LANGUAGE

The application submitted herewith is:

- ☒ in English;
- ☐ in not in English and in terms of 37 CFR 1.52(d) a verified translation is
 - ☐ attached
 - ☐ not attached.

FEE CALCULATION

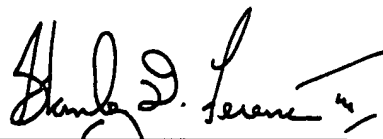
The filing fee has been calculated as shown below:

				SMALL ENTITY OR	OTHER THAN A
				SMALL ENTITY	SMALL ENTITY
				RATE	FEE
BASIC FEE Design Patent				\$155	\$310
BASIC FEE Utility Patent				\$345	\$690
EXTRA FEES					
TOTAL CLAIMS	19	MINUS 20=	0	x 9=	\$0
INDEP.CLAIMS	3	MINUS 3 =	0	x 39=	\$0
<input type="checkbox"/> MULTIPLE DEP.CLAIM				+135=	\$
<input type="checkbox"/> ASSIGNMENT				+ 40=	\$
<input type="checkbox"/> RULE 53 SURCHARGE				+ 65=	\$
TOTAL				\$	\$690

FEE PAYMENT

[X] Attached is Check No. 5424 in the sum of \$690.00 to cover the filing fee and, if applicable, the assignment fee.

Respectfully submitted,



Stanley D. Ference III
Reg. No. 33,879

Dated: January 28, 2000

ERENCE & ASSOCIATES
129 Oakhurst Road
Pittsburgh, Pennsylvania 15215
(412) 781-7386
(412) 781-8390-Facsimile

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Martin FRANZ et al Group Art: not yet assigned
Serial No. : not yet assigned Examiner: not yet assigned
Filed : herewith
For : Indexing With Translation Model for Feature Regularization

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EL503717125US

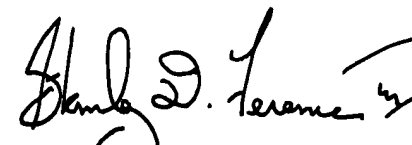
Date of Deposit 28 January 2000

I hereby certify that the following attached paper(s) or fee:

Patent Application
Written Description
Claims 1-19
Abstract
Drawings (Figs. 1-3)
Declaration and Power of Attorney (not executed)
Patent Filing Transmittal
Certificate of Express Mail
Two Return Postcards
Check No. 5424 the amount of \$960.00

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service
under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for
Patents, Washington, D.C. 20231.

Stanley D. Ference III
(Typed or printed name of
person mailing paper)


(Signature of person mailing
paper(s) or fee)

Mailing Address:

FERENCE & ASSOCIATES
129 Oakhurst Road
Pittsburgh, Pennsylvania 15215
(412) 781-7386
(412) 781-8390-Facsimile

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Martin FRANZ et al.
Serial No. : 09/493,507
Filed : January 28, 2000
For : INDEXING WITH TRANSLATION MODEL FOR
FEATURE REGULARIZATION

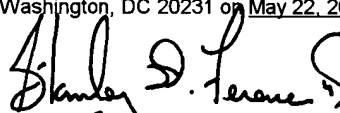
May 22, 2000

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, DC 20231

Attention: Official Draftsman

I hereby certify that this correspondence and any documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on May 22, 2000.

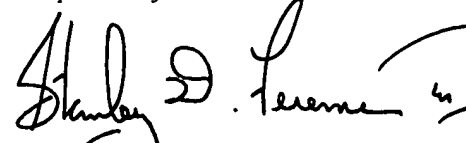

Stanley D. Ference III
Reg. No. 33,879

May 22, 2000
Date of Signature

Sir:

Applicants submit herewith two (2) sheets of formal drawings for the above-identified application. Please substitute the enclosed formal drawings for the informal drawings filed with the application.

Respectfully submitted,



Stanley D. Ference III
Registration No. 33,879

FERENCE & ASSOCIATES
129 Oakhurst Road
Pittsburgh, Pennsylvania 15215
(412) 781-7386
(412) 781-8390 - Facsimile

Enclosures

Attorneys for Applicants